

**From:** Richard Rupert/R3/USEPA/US  
**Sent:** 2/28/2012 5:59:46 AM

**To:** "richard.fetzer@epa.gov" <richard.fetzer@epa.gov>; "kelley.chase@epa.gov" <kelley.chase@epa.gov>  
**CC:**  
**Subject:** Fw: Dimock Re-sampling in March Suggestions

I think we should adopt Steveie's suggestion. You should think a lot about adding PAHs. I am frankly surprised they were not on the original list. We may find PAHs because of naturally occurring peat in the area. I don't know what process drilling would have that would lead to PAHs in groundwater. Maybe you could ask around. Karen was talking about some well data with PAHs indicated....

I will be on the Freedom Bird today so out of pocket from 10:00am till about 3:30pm. Tomorrow I will be out of cell phone coverage from about noon till 8pm. I will be in coverage all day Thursday.

Please feel free to call anytime just remember I am two hours earlier then you guys....this means I will still be awake before Fetzer..

Rupert

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----- Forwarded by Richard Rupert/R3/USEPA/US on 02/28/2012 05:50 AM -----

**From:** Stevie Wilding/ESC/R3/USEPA/US  
**To:** Richard Rupert/R3/USEPA/US  
**Date:** 02/27/2012 03:54 PM  
**Subject:** Re: Dimock Re-sampling in March Suggestions

Total Phosphorus -- we thought that since many of the fracking compounds have phosphorus in them that this would be a good thing to analyze.  
We have not detected any phosphorus in the samples so far.

**From:** Richard Rupert/R3/USEPA/US  
**To:** Stevie Wilding/ESC/R3/USEPA/US  
**Date:** 02/27/2012 03:04 PM  
**Subject:** Re: Dimock Re-sampling in March Suggestions

What is TP? Total petroleum by 418?

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----- Original Message -----

**From:** Stevie Wilding  
**Sent:** 02/27/2012 02:56 PM EST  
**To:** "Graves, Suddha" <Sgraves@TechLawInc.com>; gnance@techlawinc.com  
**Cc:** Richard Fetzer; Kevin Martin; Cynthia Caporale; Richard Rupert  
**Subject:** Dimock Re-sampling in March Suggestions  
Suddha/Gene,

Attached is a draft request for the March Sampling for you to review, edit and submit to Technical Service Branch -- Clients Team. I believe there was consensus to remove Oil & Grease analysis. Below are some additional suggestions for the proposed re-sampling event starting March 5, 2011. These suggestions would save money in both sampling and analysis end. The attached request form has these suggestions marked as strikeout.

- O&G Remove parameter -- none detected and the same information is obtained in the SVOC and DRO analysis

### **Region 3**

- VOC-TICs Remove 2-chloroethylvinyl ether because this compound breaks down in acidified samples
- Metals Remove mercury (Hg) and silver (Ag) -- these metals have not been found in the first round and removal would streamline the digestion and analysis  
Removed dissolved portion. This would eliminate filtering in the field and number of samples shipped and analyzed -- risk assessors decision
- SVOC-TICs Remove 2-methoxyethanol -- this has a poor response in calibration and extraction efficiency. Analyzes is done in the Glycol analysis.
- Alcohols Remove parameter -- none has been detected in samples
- Glycols Continue as is
- TDS/TSS Continue as is
- Anions Remove orthophosphorus due to holding time of 48 hrs and this compound was not detected in Jan/Feb samples
- TN, NO2/NO3 Continue as is
- TP Remove parameter -- not detected in Jan/Feb samples
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### **Region 9**

- RSK-175 (DG) Continue as is
- GRO Continue as is
- DRO Continue as is -- none detected so this could also be dropped and use the SVOC data.
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### **Region 2**

- MBAS Continue as is

### **Other Suggestions**

Add PAH-SIM analysis. Region 3 would not be able to handle this due to SVOC capacity. We may be able to find another Regional lab.

[attachment "March Draft R3.doc" deleted by Richard Rupert/R3/USEPA/US]  
[attachment "March Draft R9 & R2.doc" deleted by Richard Rupert/R3/USEPA/US]  
[attachment "Dimock RLs\_March 2012.XLS" deleted by Richard Rupert/R3/USEPA/US]

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